Title: Method For Portlet Instance Support In A Graphical User Interface
Inventor(s): Scott Musson, et al.
Application No.: Not Yet Assigned Attorney: Daniel J. Burns
Docket No.: BEAS-01382US0 Telephone No.: (415) 362-3800
Filing date: Filed Herewith Express Mail No.: EV327622007US

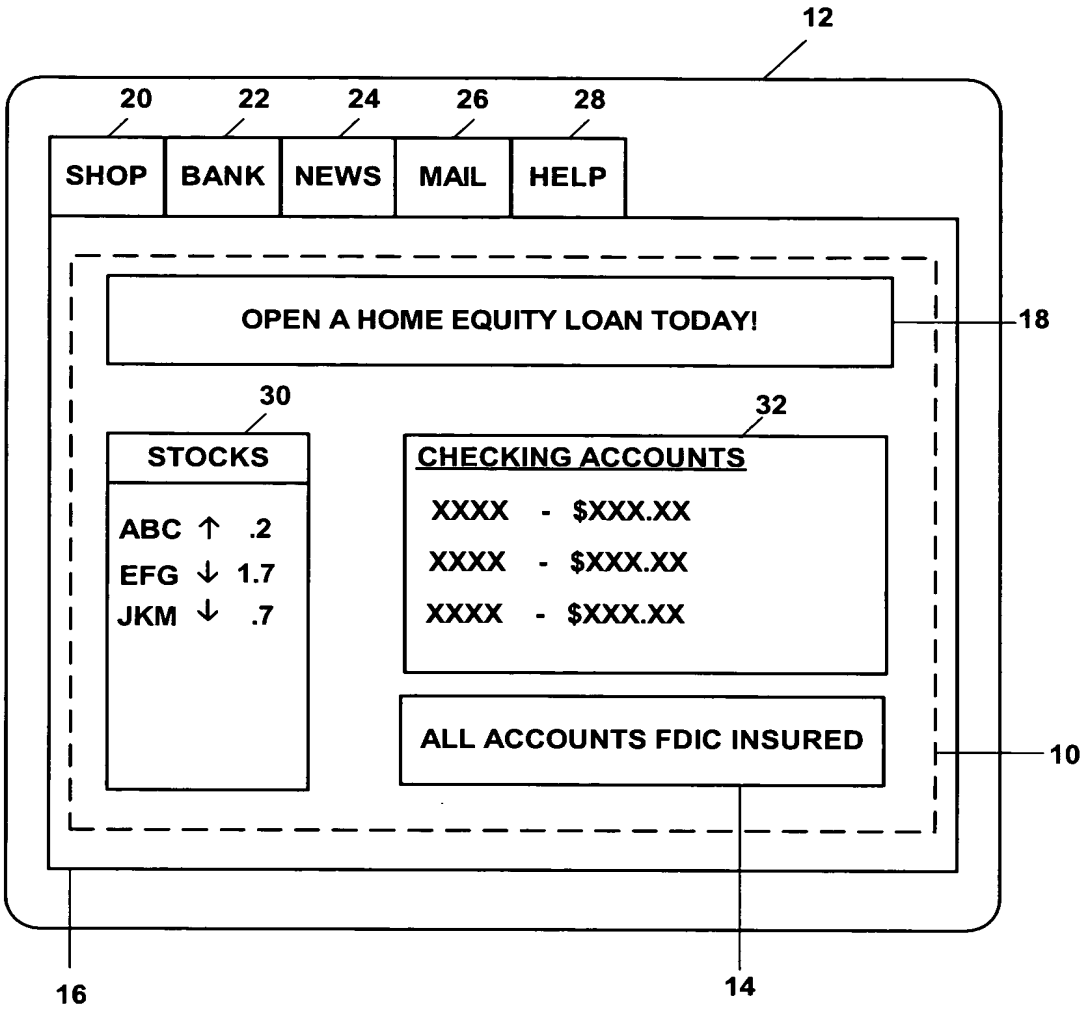

Figure 1

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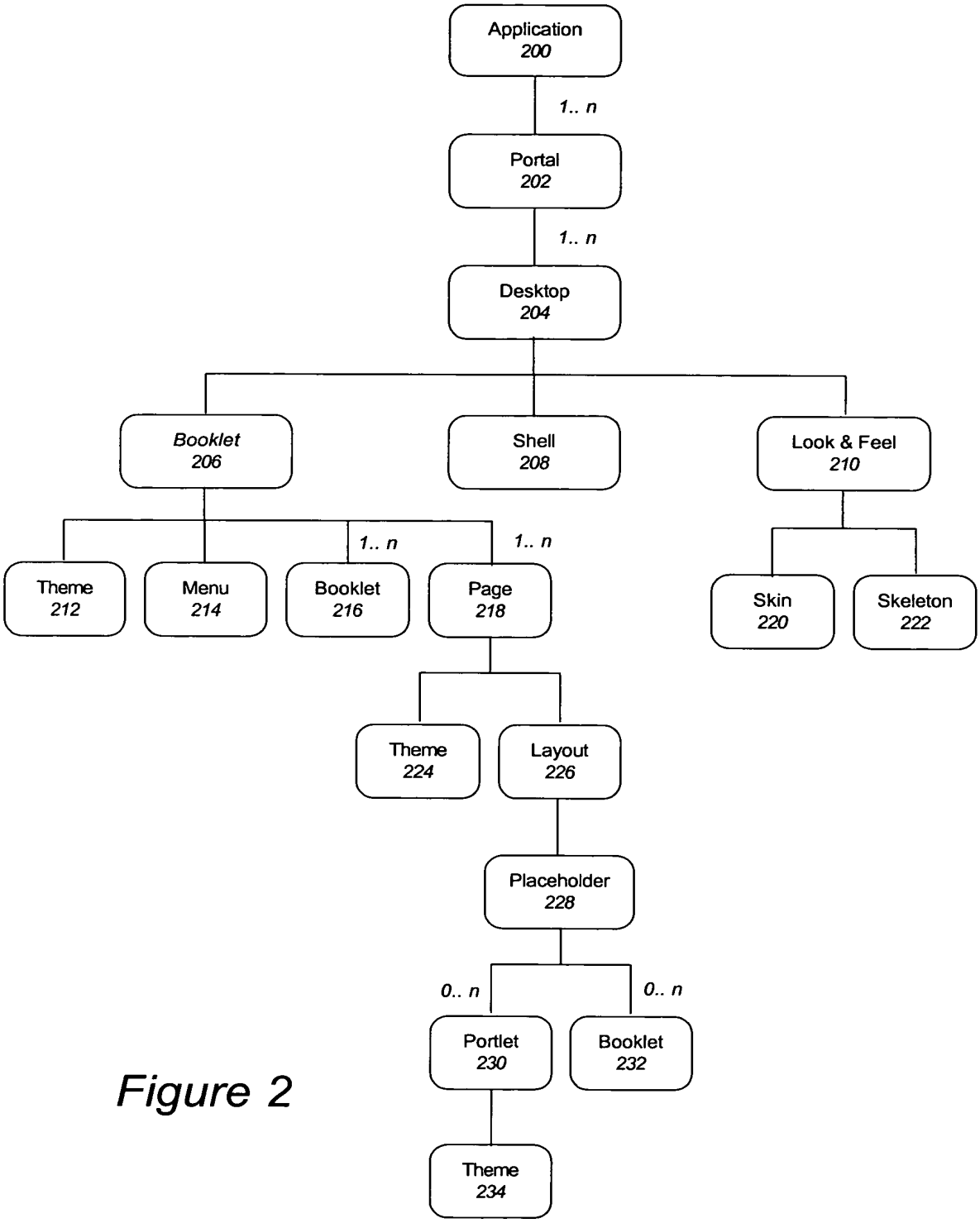

Figure 2

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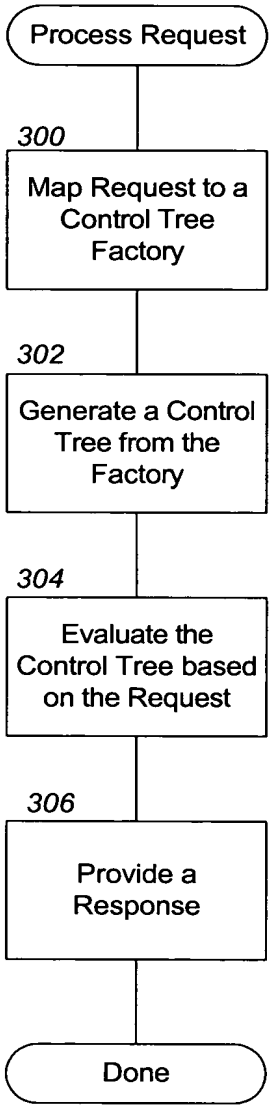

Figure 3

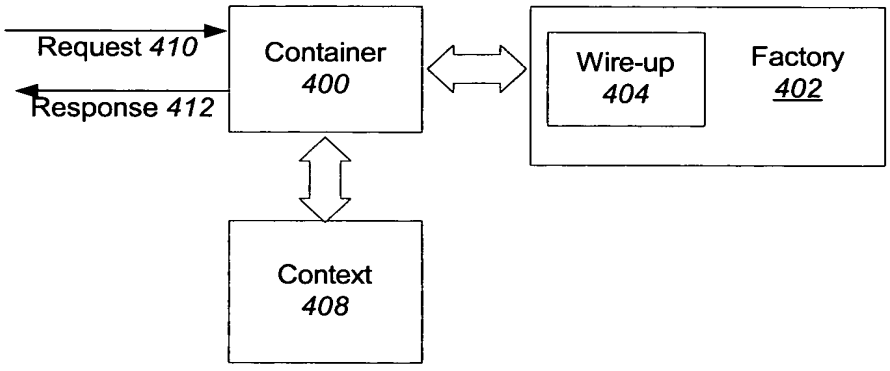
Request 410
Response 412
Container
400
Wire-up
404
Factory
402
Context
408

Figure 4

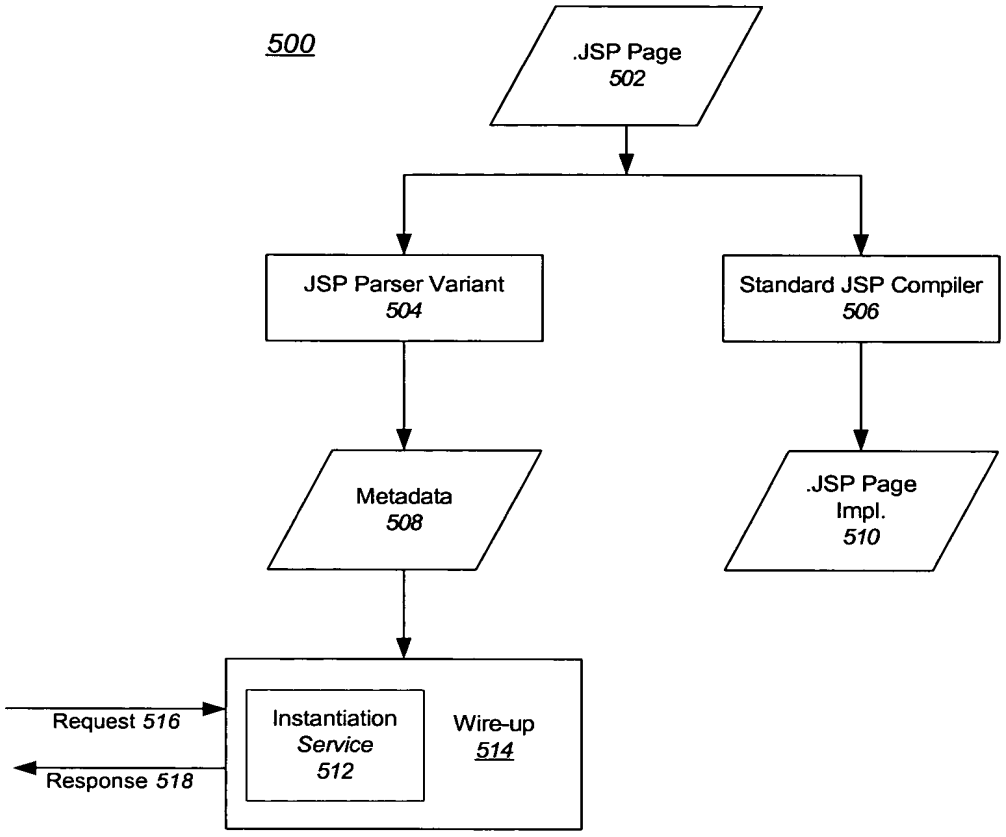
500
.JSP Page
502
JSP Parser Variant
504
Standard JSP Compiler
506
Metadata
508
.JSP Page
Impl.
510
Request 516
Response 518
Instantiation
Service
512
Wire-up
514

Figure 5

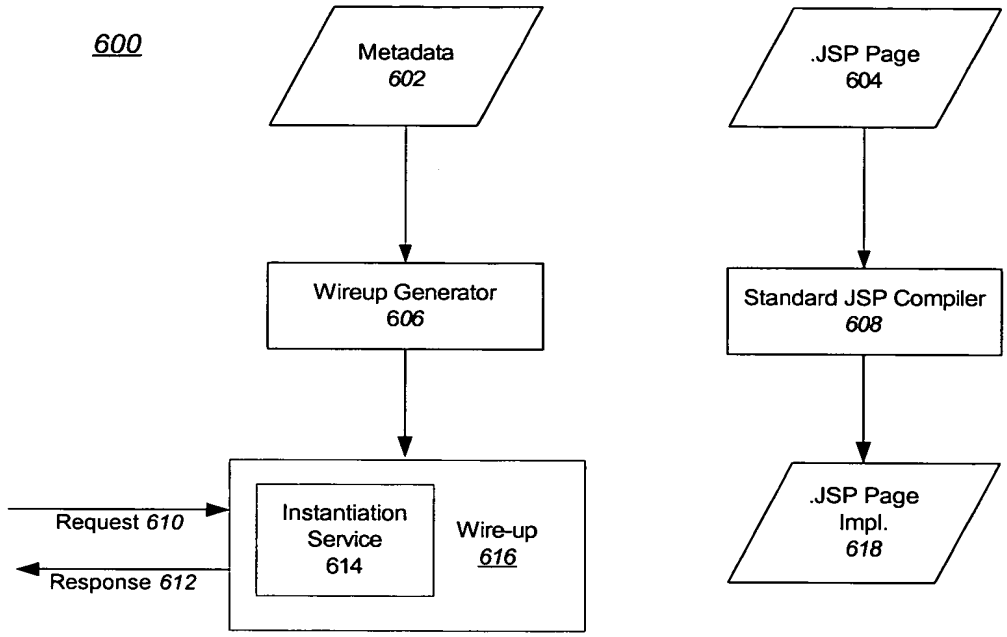
600
Metadata
602
.JSP Page
604
Wireup Generator
606
Standard JSP Compiler
608
Request 610
Response 612
Instantiation
Service
614
Wire-up
616
.JSP Page
Impl.
618

Figure 6

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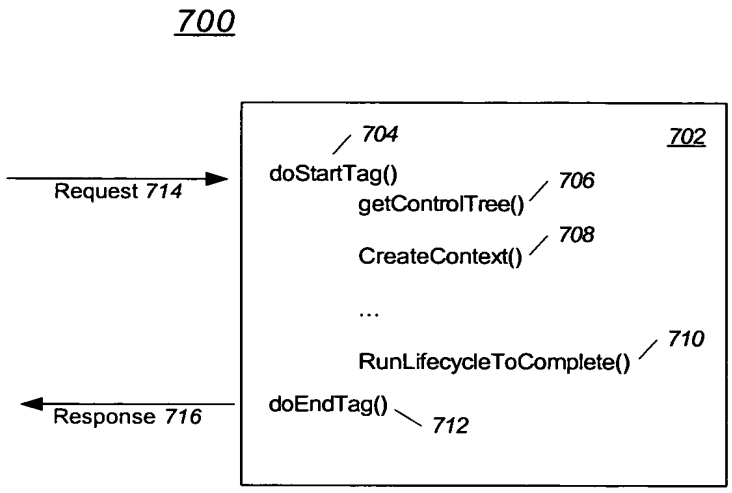

Figure 7

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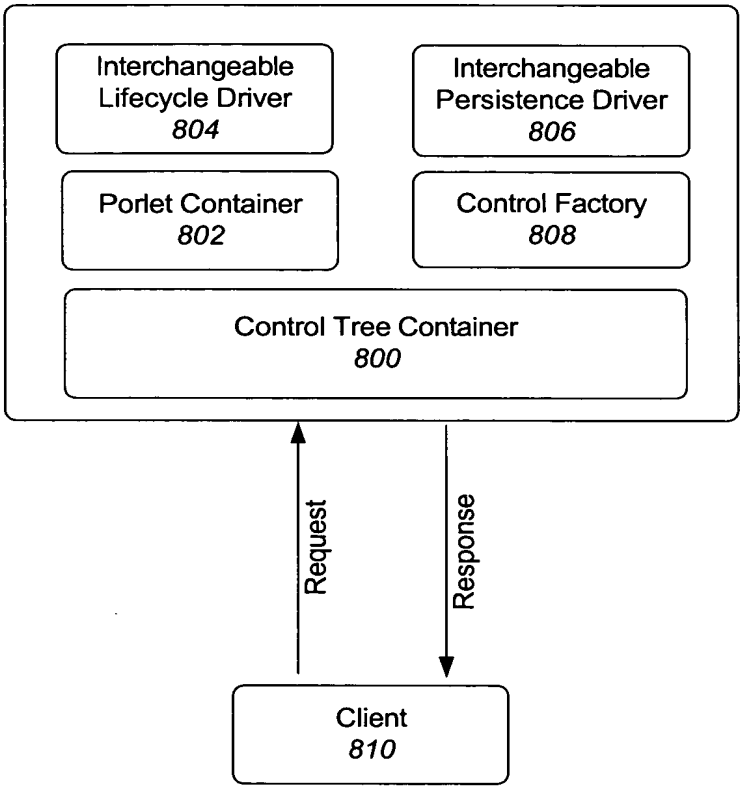

Figure 8

```
<%@page
import="com.bea.netuix.servlets.controls.window.WindowPresentationContext,com.bea.netu
ix.servlets.controls.window.TitlebarContext"
%>
<%@ taglib uri="render.tld" prefix="render" %>
<%  WindowPresentationContext window =
WindowPresentationContext.getWindowPresentationContext(request);
   TitlebarContext titlebar
      = (TitlebarContext) window.getFirstChild("window:titlebar");
   String expandWidth = "100%";
%>

<render:beginRender>
<div
   <render:writeAttribute name="id" value="<%= window.getPresentationId() %>"/>
   <render:writeAttribute name="class" value="<%= window.getPresentationClass() %>"
      defaultValue="bea-portal-window"/>
   <render:writeAttribute name="style" value="<%= window.getPresentationStyle() %>"/>
   <render:writeAttribute name="width"
      value="<%= window.isPacked() ? null : expandWidth %>"/>
>
<% if (titlebar != null) { %>
   <render:renderChild presentationContext="<%= titlebar %>"/>
<% } %>
   <div class="bea-portal-window-content">
</render:beginRender>
<render:endRender>
   </div>
</div>
</render:endRender>
```

Figure 9